

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
16 October 2003 (16.10.2003)

PCT

(10) International Publication Number
WO 03/085618 A3

(51) International Patent Classification⁷: **G08C 17/02,**
23/04, H04B 1/20

SEVEREIJNS, Peter, P.,M. [NL/US]; Philips Intellectual Property & Standards, Cross Oak Lane, Redhill, Surrey RH1 5HA (GB).

(21) International Application Number: PCT/IB03/01188

(74) Agent: **WHITE, Andrew, G.;** Philips Intellectual Property & Standards, Cross Oak Lane, Redhill, Surrey RH1 5HA (GB).

(22) International Filing Date: 21 March 2003 (21.03.2003)

(25) Filing Language: English

(81) Designated States (*national*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(26) Publication Language: English

(30) Priority Data:
0208317.8 11 April 2002 (11.04.2002) GB

(71) Applicant (*for all designated States except US*): **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

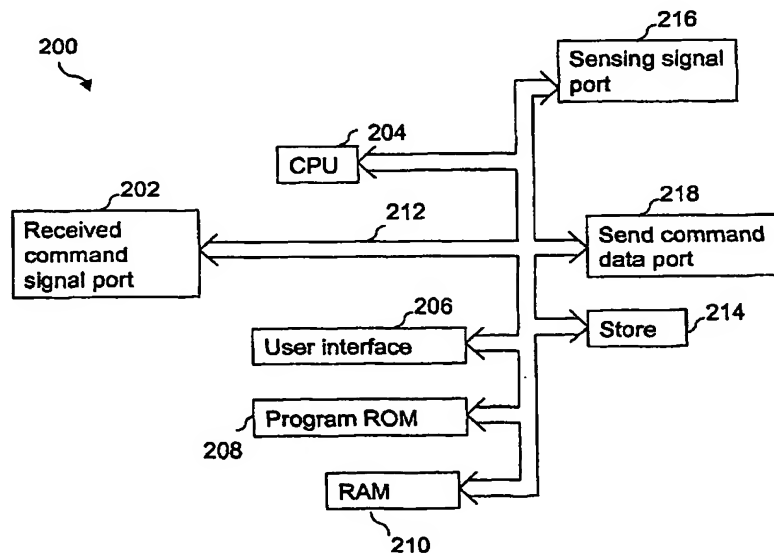
(84) Designated States (*regional*): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

(72) Inventors; and

(75) Inventors/Applicants (*for US only*): **WOOLGAR, David, J.** [GB/GB]; Philips Intellectual Property & Standards, Cross Oak Lane, Redhill, Surrey RH1 5HA (GB).

[Continued on next page]

(54) Title: CONTROLLING A HOME ELECTRONICS SYSTEM



(57) Abstract: An apparatus (200) arranged to control a home electronics system, the apparatus being managed independently of a user, the apparatus comprising a data processing unit (CPU (204), Program ROM (208) and RAM (210)), a first communications port (202) operable to receive a command, a second communications port (216) operable to receive a signal indicating an operative component in the system, and a third communications port (218) operable to output a substitute command to a component in the system. On receiving a command, the data processing unit may produce at least one substitute command in dependence on the operative component, which substitute command is then communicated to a component in the system.

WO 03/085618 A3



Published:

- *with international search report*
- *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments*

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(88) Date of publication of the international search report:

24 December 2003

INTERNATIONAL SEARCH REPORT

Internat. Application No.

PCT/IB 03/01188

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 G08C17/02 G08C23/04 H04B1/20

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G08C H04B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 4 817 203 A (TSURUMOTO TAKASHI ET AL) 28 March 1989 (1989-03-28) column 3, line 24 - line 68 ---	1-9, 11-22
X	EP 0 398 550 A (SONY CORP) 22 November 1990 (1990-11-22) column 2, line 31 - column 4, line 17 column 9, line 39 - column 10, line 3 ---	1-9, 11-20
X	WO 98 49824 A (INTEL CORP) 5 November 1998 (1998-11-05) page 5, line 21 - page 8, line 6 page 9, line 5 - line 24 page 10, line 24 - page 13, line 15 --- -/--	1-9, 11, 15-22

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

G document member of the same patent family

Date of the actual completion of the international search

21 October 2003

Date of mailing of the international search report

27/10/2003

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Pham, P

INTERNATIONAL SEARCH REPORT

Internat Application No
PCT/IB 03/01188

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5 787 259 A (FOLTZ FORREST ET AL) 28 July 1998 (1998-07-28) column 4, line 5 - line 60 column 5, line 46 -column 6, line 6 column 7, line 44 -column 8, line 46 column 9, line 36 -column 10, line 33 -----	1-23

INTERNATIONAL SEARCH REPORT

Internet Application No

PCT/IB 03/01188

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 4817203	A	28-03-1989	JP 2067157 C	10-07-1996
			JP 7105895 B	13-11-1995
			JP 62284583 A	10-12-1987
			CA 1256945 A1	04-07-1989
			GB 2191643 A , B	16-12-1987
			HK 69794 A	29-07-1994
			KR 9604507 B1	06-04-1996
EP 0398550	A	22-11-1990	DE 69020798 D1	17-08-1995
			DE 69020798 T2	07-12-1995
			EP 0398550 A2	22-11-1990
			JP 3074139 A	28-03-1991
			KR 143407 B1	17-08-1998
			US 5097249 A	17-03-1992
WO 9849824	A	05-11-1998	AU 7150198 A	24-11-1998
			EP 0988746 A1	29-03-2000
			WO 9849824 A1	05-11-1998
US 5787259	A	28-07-1998	EP 0890086 A1	13-01-1999
			JP 2000508792 T	11-07-2000
			WO 9737202 A1	09-10-1997